## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 October 2005 (13.10.2005)

**PCT** 

(10) International Publication Number WO 2005/096339 A1

(51) International Patent Classification<sup>7</sup>: 29/86, 29/88

H01J 29/87,

(21) International Application Number:

PCT/US2004/035203

- (22) International Filing Date: 22 October 2004 (22.10:2004)
- (25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data: 60/551,588

9 March 2004 (09.03.2004) US

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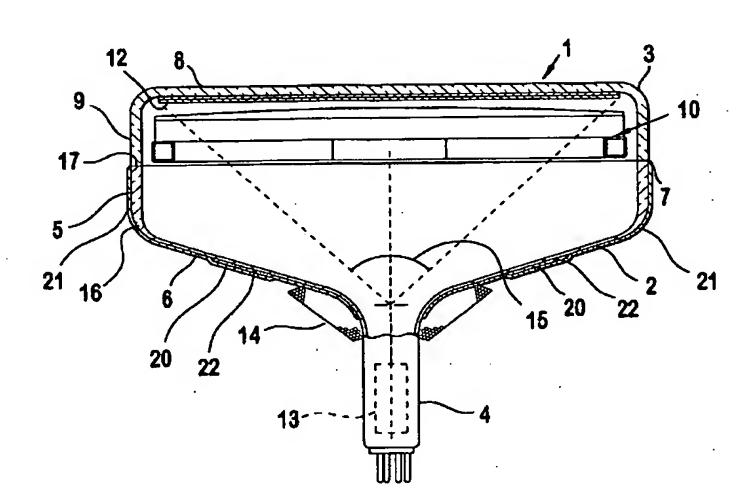
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

[Continued on next page]

(54) Title: LIGHTWEIGHT HIGH DEFLECTION ANGLE CATHODE RAY TUBE AND METHOD OF MAKING THE SAME



(57) Abstract: A cathode ray tube has an envelope (2) including a panel (3) and a neck (4) connected by a funnel (5). The funnel comprises a main body portion (16) having a seal edge (17) and a neck. The main body portion has at least one region with a higher tensile stress than other regions of the main body portion. An exterior surface of the main body portion has first and second protective coatings (20, 21). The first protective coating (20) covers at least a portion of the at least one region. The first protective coating is of a composition and thickness such that the first protective coating (21) covers at least a portion of the first protective coating and is of a composition and thickness such that the second protective coating protects the funnel from moisture contact.

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before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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